

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

<b>KENTUCKY UTILITIES COMPANY</b>	)	
	)	
<b>AND</b>	)	
	)	
<b>SOUTH CENTRAL RURAL TELEPHONE</b>	)	
<b>COOPERATIVE CORPORATION</b>	)	<b>CASE NO.</b>
	)	<b>90-257</b>
<hr style="width:30%; margin-left:0"/>	)	
	)	
<b>ALLEGED FAILURE TO COMPLY WITH</b>	)	
<b>COMMISSION REGULATIONS</b>	)	

**O R D E R**

IT IS ORDERED that South Central Rural Telephone Cooperative Corporation ("South Central RTCC") shall file the original and 12 copies of the following information with the Commission no later than November 2, 1990, with a copy to all parties of record. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible.

1. State whether South Central RTCC has measured the vertical clearance of the communications conductor which is the subject of the Electrical Utility Accident Investigation Report.

2. If South Central RTCC has measured the vertical clearance of this conductor:

- a. State the date when each measurement was taken;
- b. Identify the persons taking these measurements and their relationship to South Central RTCC;
- c. State the weather conditions under which these measurements were taken;
- d. List the results of each measurement;
- e. Provide a copy of all documents, including any field notes, memoranda or correspondence, concerning these measurements.

3. State the date when South Central RTCC attached the communications conductor in question to the facilities of Kentucky Utilities Company ("KU").

4. State whether South Central RTCC has conducted any inspections of the facilities in question since January 1, 1985.

5. If South Central RTCC has conducted any inspections of the facilities in question since January 1, 1985:

- a. State the date when these inspections were conducted;
- b. Identify the persons conducting the inspection;
- c. State the reason for the inspection;
- d. List the deficiencies, if any, found during each inspection;
- e. Provide a copy of any written report of these inspections.

6. State whether the South Central RTCC communications conductor which is the subject of the Electrical Utility Accident Investigation Report met the minimum vertical clearance standards set forth in the National Bureau of Standards Handbook (1949 edition) ("NSBH") on July 5, 1990.

7. State whether South Central RTCC was aware of its communications conductor's failure to meet NSBH minimum vertical clearance standards prior to July 5, 1990.

8. If South Central RTCC was aware of its communication conductor's failure to meet NSBH standards, state when it became aware of this failure.

9. State whether South Central RTCC has even requested KU to replace the existing utility poles to which its communications conductor is attached to enable that conductor to meet NSBH minimum vertical clearance standards. State when such requests, if any, were made.

10. Provide a copy of any correspondence sent to KU concerning the facilities which are the subject of the Electrical Utility Accident Investigation Report.

11. Provide a copy of any correspondence from KU concerning the facilities which are the subject of the Electrical Utility Accident Investigation Report.

12. State whether South Central RTCC has ever communicated, by writing or other method, with KU concerning the height of the electric conductor which is the subject of the Electrical Utility Accident Investigation Report.

13. If South Central RTCC has made such communication:

- a. Identify the South Central RTCC personnel issuing the communication;
- b. Identify the person(s) to whom the communication was directed;
- c. Describe the nature of the communication;
- d. State what action, if any, that KU took;
- e. State the date of each communication;
- f. Provide a copy of any written communication.

Done at Frankfort, Kentucky, this 19th day of October, 1990.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

  
Executive Director

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IT IS ORDERED that Kentucky Utilities Company ("KU") shall file the original and 12 copies of the following information with the Commission no later than November 2, 1990, with a copy to all parties of record. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible.

1. State whether KU has measured the vertical clearance of the electrical conductor which is the subject of the Electrical Utility Accident Investigation Report.

2. If KU has measured the vertical clearance of this conductor:

- a. State the date when each measurement was taken;
- b. Identify who took these measurements and his relationship to KU;
- c. State the weather conditions under which these measurements were taken;
- d. List the results of each measurement;
- e. Provide a copy of all documents, to include any field notes, memoranda or correspondence, concerning these measurements.

3. State when the facilities in question were constructed.

4. Identify any changes, alterations or modifications made to these facilities since their construction. State the date of these changes.

5. State the date when the South Central Rural Telephone Cooperative Corporation ("South Central RTCC") communications conductor was attached to KU's facilities.

6. State whether KU has conducted any inspections of the facilities in question since January 1, 1985.

7. If KU has conducted any inspections of the facilities in question since January 1, 1985:

- a. State the date when these inspections were conducted;
- b. Identify the persons conducting the inspection;
- c. State the reason for the inspection;

d. List the deficiencies, if any, found during each inspection;

e. Provide a copy of any written report of these inspections.

8. Provide a copy of any correspondence from South Central RTCC received by KU concerning the facilities which are the subject of the Electrical Utility Accident Investigation Report.

9. Provide a copy of any correspondence from KU to South Central RTCC concerning the facilities which are the subject of the Electrical Utility Accident Investigation Report.

10. State whether KU has ever received any communication from South Central RTCC, by writing or other method, concerning the height of the electric conductor in question.

11. If KU has received such communication:

a. Identify the South Central RTCC personnel making the communication;

b. Identify the person(s) receiving the communication;

c. Describe the nature of the communication;

d. State what action, if any, was taken by KU;

e. State the date of each communication;

f. Provide a copy of any written communication.

12. Explain how KU determined that the minimum vertical clearance requirement of a 0-750 phase conductor at 90 degrees Fahrenheit was 17 feet, 3 inches under the National Bureau of Standards Handbook (1949 edition). Show all supporting calculations.

13. Explain how "tension placed on wires and poles could impact field measurements by reducing clearance." Provide any evidence supporting this contention.

Done at Frankfort, Kentucky, this 19th day of October, 1990.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

  
Executive Director